

# PI-MB/16/3/D-SUB - Basic terminal block

2835697

<https://www.phoenixcontact.com/us/products/2835697>

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Motherboard to accept 16 x PI-Nicht-Ex-i isolator modules (PI-N-...), three terminal points for the field side for every module, 37-pos. D-SUB pin strip for connection of the signals to the control system level, assembly on NS 32, or NS 35/7.5.

## Commercial data

Item number	2835697
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C430
Product key	DK1XXX
GTIN	4017918951146
Weight per piece (including packing)	912.2 g
Weight per piece (excluding packing)	670.24 g
Customs tariff number	85389091
Country of origin	DE

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## Technical data

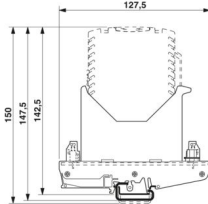
### Product properties

Product type	Module carrier
Application	Base element

### Electrical properties

Nominal voltage $U_N$	20 V DC ... 35 V DC (See nominal voltage, PI modules)
Reverse polarity protection	yes

### Dimensions

Dimensional drawing	
Width	247.7 mm
Height	127.5 mm
Depth	92 mm
Depth NS 35/7,5	142.5 mm (with NS 35/7.5 coupling connector)
Depth NS 32	147.5 mm (with NS 32 coupling connector)
Depth NS 35/15	150 mm (with NS 35/15 coupling connector)

### Material specifications

Color	green (RAL 6021)
Flammability rating according to UL 94	V0
Housing insulation material	Polyamide PA non-reinforced, polycarbonate PC

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C

### Approvals

#### CE

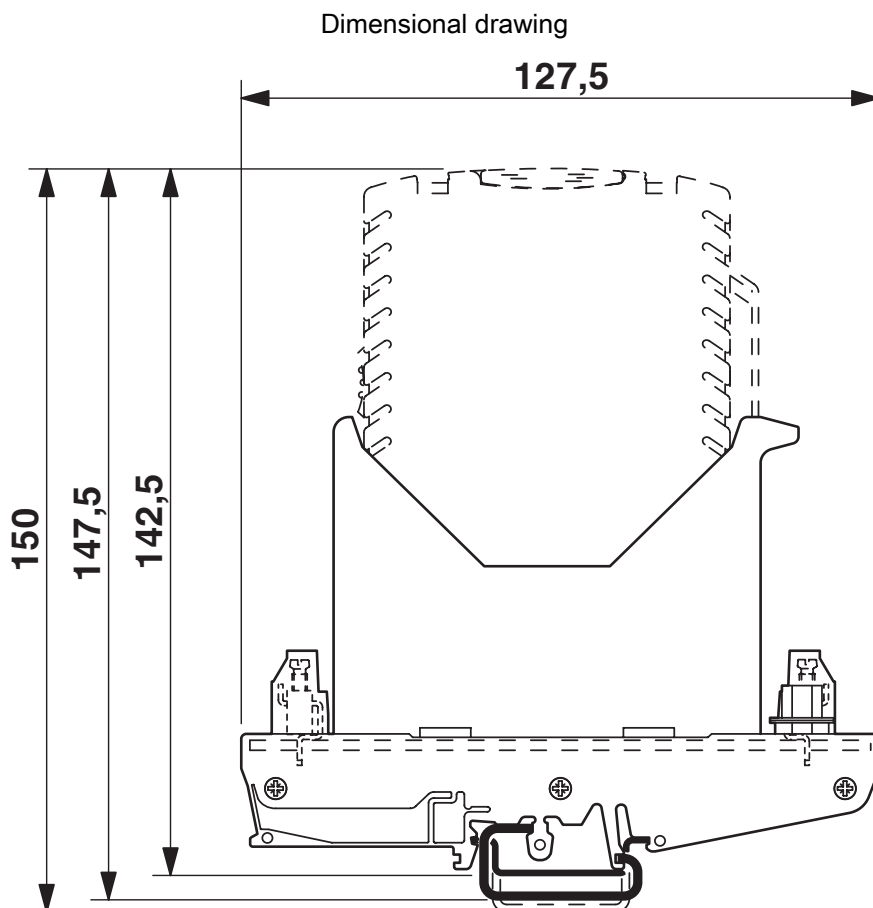
Certificate	CE-compliant
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## Drawings



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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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